



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/227,688      | 01/08/1999  | PETER R. FENNER      | 3796.2-US           | 7884             |

7590 04/09/2003

MARK A. HUBBARD  
MUNSCH HARDT KOPF & HART, PC  
1445 ROSS AVENUE, SUITE 4000  
DALLAS, TX 752022790

EXAMINER

NGUYEN, HANH N

ART UNIT PAPER NUMBER

2662

DATE MAILED: 04/09/2003

29

Please find below and/or attached an Office communication concerning this application or proceeding.

1

# Office Action Summary

Application No.

09/227,688

Applicant(s)

FENNER, PETER R.

Examiner

Hanh Nguyen

Art Unit

2662

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 19-28 and 32-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 19-28 and 32-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

Art Unit: 2662

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

Claims 19, 21-28, 29-38 and 40 are rejected under 35 USC 102(e) as being anticipated by **Adams et al.** (US Pat. No. 5,168,498).

In claims 19, 24, 27, 32, 35 and 38, **Adams et al.** discloses, in Fig.2, a plurality of networks, each comprises base stations and mobile stations, interconnecting by routing nodes 40, 41 that route ATM packetized voice packets (two or more networks interconnected by at least one handling node for routing data packets). See col. 2, lines 25-40. The packetized voice packets comprise in the header source address and destination address of the receiver (data packet includes a logical destination code identifying the receiver). See col.2, lines 40-45. The routing nodes 40, 41 routes voice packets based on destination address between source mobile stations and destination mobile stations (handling node routes data packet to mobile receiver based on destination code). See col.3, lines 55-65. The destination address accompanying voice packets allow switches 50-52 to determine how to route the packets to ensure the receipt at the correct

Art Unit: 2662

destination as the mobile is moving (the destination address is fixed and routed to the destination mobile wherever the destination mobile station is located within the interconnected networks).

See col.2, lines 42-45 & col.6, lines 38-44.

In claims 21, 22, 25, 33, 36 and 40, the limitations of these claims have been addressed in claim 19.

In claim 23, 26, 28, 34 and 37, packetized voice packet that has been disclosed in claim 19 is Ip packet. So, Its destination address should be IP addresses.

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 20 and 39 are rejected under 35 USC 103(a) as being unpatentable over **Adams et al.** (US Pat. No. 5,168,498).

In claims 20 and 39, **Adams** does not disclose a node containing a table lookup. However, it is inherent to assume that the look up table is included in router in order to list, update source, destination addresses of a packet; and route the received packet to destination based on the address in in the table. Therefore, it would have been obvious to modify the **Adams**

Art Unit: 2662

by having a lookup table in routing nodes so as to route packet to correct destinations. The motivation is to form routes mobile stations between networks.

***Response to Arguments***

2. Applicant's arguments with respect to claims 19-28 and 32-40 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Gough (US Pat. No. 3,678,391) discloses a Digital Communication System.

Yotsutani et al. (US Pat. No. 4,843,622) discloses Communication Control System Capable of Searching a Called telephone set in a Mobile Radio telephone network.

Goodman (US Pat. No. 4,916,691) discloses Telecommunication Switching System.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh Nguyen whose telephone number is (703) 306-5445. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:30 PM.

Art Unit: 2662

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Hassan Kizou, can be reached on (703) 305-4744. The fax phone number for this Group is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

April 5, 2003

  
Hanh Nguyen